

Attorney Docket Number: FSP0050
Title: ERROR HANDLING SCHEME FOR TIME-CRITICAL PROCESSING
ENVIRONMENTS
Application Number: 10/827,158

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Claims

This listing of claims replaces all prior versions and listings of claims in the present application.

1. (Original) A method in a data processing device, comprising:
directing commands to device driver logic to a jump table, the jump table directing the commands to device driver command processing logic;
as a result of detecting a device error, reconfiguring the jump table to return without invoking the command processing logic and in a manner that indicates that the commands were successfully carried out.
2. (Original) The method of claim 1 wherein the driver logic is display driver logic.
3. (Original) The method of claim 1, further comprising:
continuing to provide commands to the driver logic after detection of the error, the commands to configure a display frame;
the provider of the commands acting to correct the error; and
as a result of the correcting of the error, reconfiguring the jump table to again direct commands to the command processing logic.
4. (Original) The method of claim 1, further comprising:
the jump table comprised by a thunk layer between the caller and the driver logic.
5. (Original) A memory suitable for use by a data processing device, comprising:
logic to direct commands to device driver logic to a jump table, the jump table directing the commands to device driver command processing logic; and

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logic to, as a result of detecting a device error, reconfigure the jump table to return without invoking the command processing logic and in a manner that indicates that the commands were successfully carried out.

6. (Original) The memory of claim 5 wherein the driver logic is display driver logic:

7. (Original) The memory of claim 5, further comprising:
logic to reconfigure the jump table to again invoke the command processing logic in response to correction of the error.

8. (Original) The memory of claim 5, further comprising:
the jump table comprised by a thunk layer between the caller and the driver logic.

9. (Cancelled) A method comprising:
as a result of detecting an error, reconfiguring command routing logic for device driver logic so that command processing logic of the device driver is not invoked and to return from commands in a manner indicative of successful completion of command processing.

10. (Original) The method of claim 9 further comprising:
reconfiguring a thunk layer between application logic and driver logic to return from commands without invoking driver command processing logic.

11. (Cancelled) The method of claim 9, further comprising:
as a result of correction of the error, reconfiguring the command routing logic to invoke command processing logic of the driver logic in response to commands.

12. (New) A method comprising:

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as a result of detecting an error, reconfiguring command routing logic for device driver logic so that command processing logic of the device driver is not invoked and to return from commands in a manner indicative of successful completion of command processing; and further comprising reconfiguring a thunk layer between application logic and driver logic to return from commands without invoking driver command processing logic.